

Figure 1

	Entity	Interface Reference	In the face	Network Interface
102	ASP - iPPG	N (Network)	POTS/ISP (Default)	TCP/IP (Default)
106	iPPG - Exciter	E (Exciter)	1) STL (Default) 2) POTS 3) Other loop access wireless, LMDS. Satellite	PPP or SLIP
112	iPPG - Log (CDR)	B (Billing)	Ethernet	Resident at Station or Resident at Remote
105	iPPG - Data Server	D	POTS (Default)	1) PPP - Default 2) TCP/IP
110	iPPG - OAM	O (OAM)	Ethernet	SNMP - MIBx Default
108	Exciter - Receiver	_	iDAB	NA
113	Receiver - TBL	R (Receiver)	Proprietary	NA
114	TBL - Terminal	T (Terminal)	One-on-One	Custom API
115	ASP - Local		Off Line: R/W Floppy/CDs On Line: POTS	TCP/IP Default Others: PPP, SLIP etc.

Table 1 Figure 2

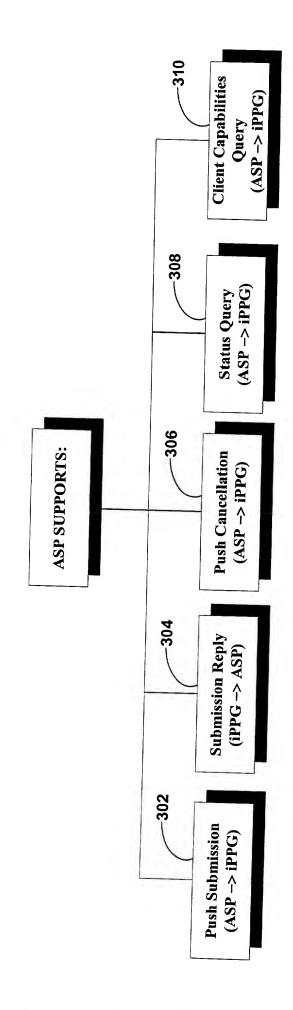
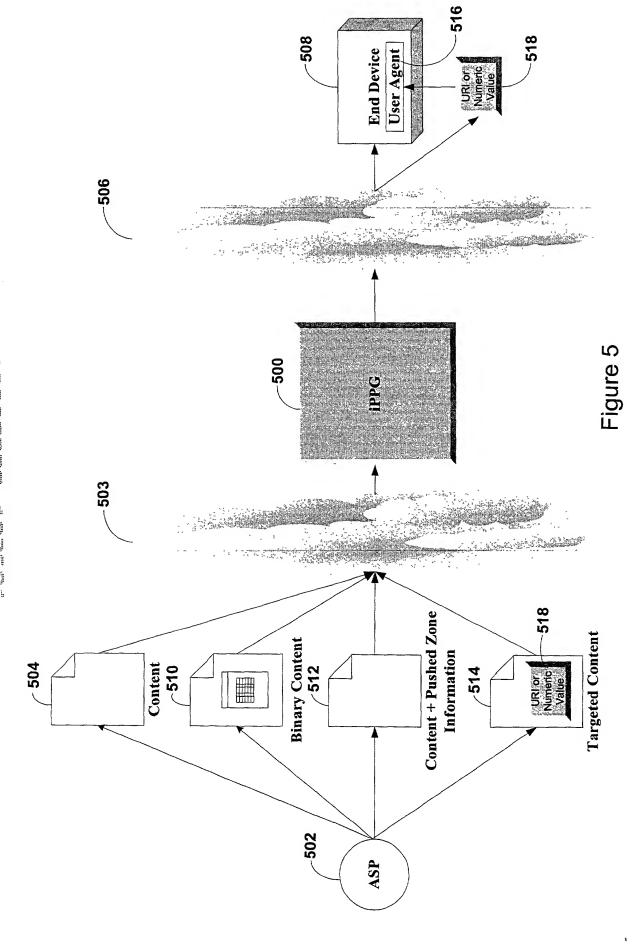
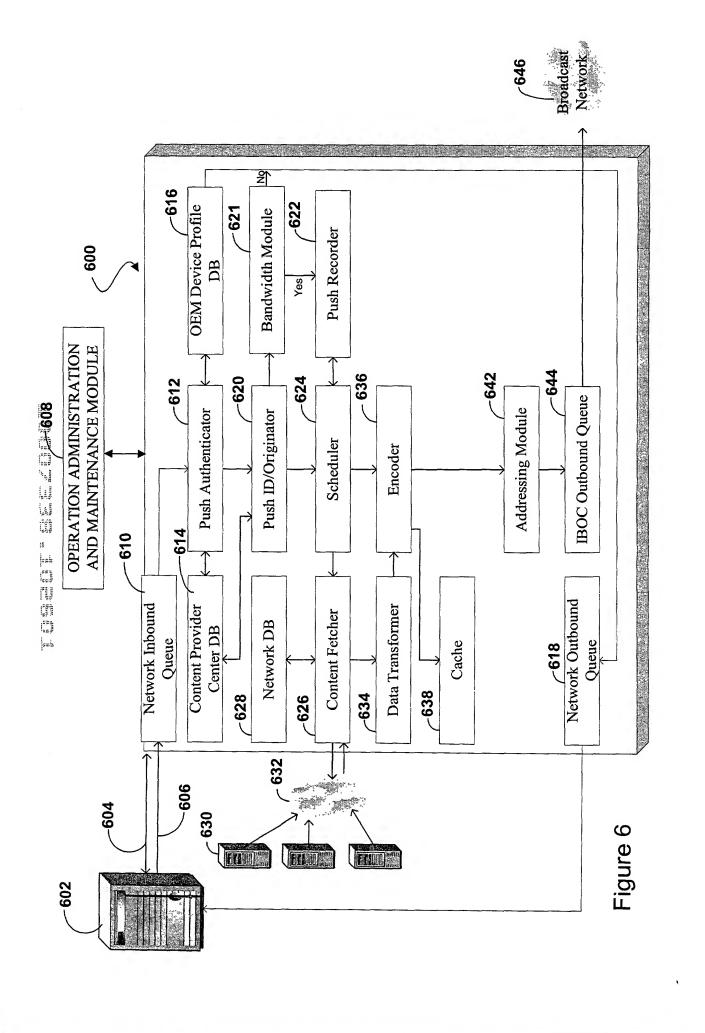


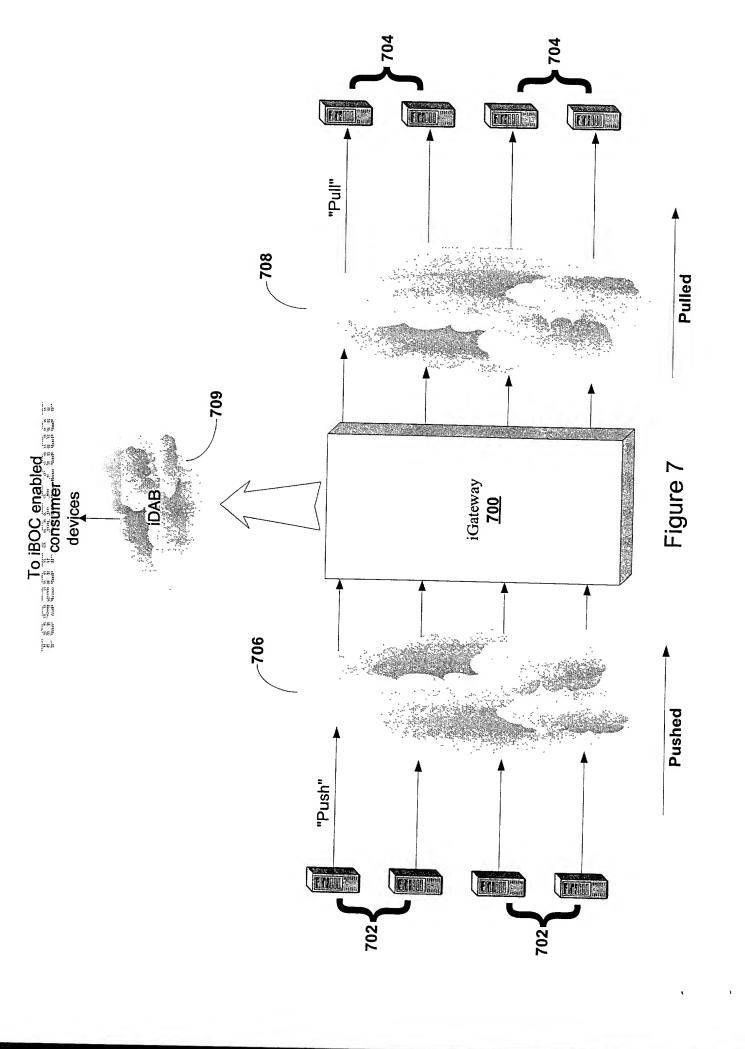
Figure 3

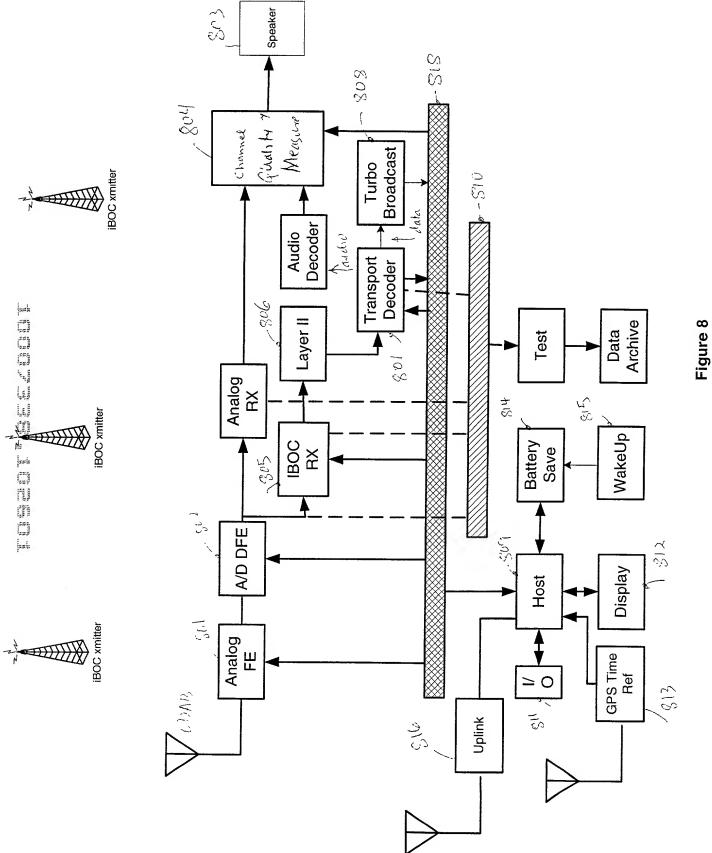
CAPABILITY ENTITY CONTENT ENTITY CONTROL ENTITY

Figure 4









Message Name	ASP	iPPG	Rx	Dogovistica
Originating Add	X	X	X	Description Service Operator Code (SOC) - 11
Destination Add	$\frac{X}{X}$	<u> </u>	X	Service Operator Code (SOC) or address
Message Ref.	X	X		Broadcast, Multicast or Unicast
Service Class	$\frac{X}{X}$	X		Random #0-16 bits long
Priority Indicator	$\frac{X}{X}$	X	V	Basic, Preferred, Premium, etc.
Service Category	<u> </u>	X	X	Normal, Urgent, Emergency
Bervice Calegory		A	X	Unknown/unspecified, Administrative,
				Maintenance, Talent Announcement,
				Advertisement, News (local, regional, national,
				international), Sports, Weather, Traffic,
		!		Emergency, Alert, Stocks (local, regional,
				national, international), Entertainment,
				Restaurants, Lodging, Advertisements,
				Medical, Health, Hospitals, Multimedia,
Alert				Audio, Logo, Text, etc.
Alert			X	With Info Vibrate, Tone, Remind, Cadence,
T TD				etc.
Language ID	X		X	Language filtration
Periodicity	X			Repetition rate
Validity	X	X		Indefinite, Power Down, Display only, etc.
Validity Absolute	X	X		Validity Period (message valid during these
V-1: 1:4 - D - : 1				times)
Validity Period	X	X		Message valid/not valid during these times
Message Time		X	X	Optional
Stamp				
Zone	X	X		Cells, Sectors, Entire, etc.
Bearer Data	X	X	X	Any desired Message Contents
Contact #	X		X	For point of sale information. May be a
<u> </u>				hyperlink.
Security		X	X	
Privacy Indicator		X	X	Unrestricted, Restricted, Confidential, Secret
Feature Private	X		X	,, 50000
Display Execution		X	X	Pre download with Deactivate On/Off with
				key/without key
TDB				To be determined

Table 2

Figure 9

Parameter-not-recognized	Sent when the recipient (PPG) was unable to act upon the primitive received due to an unrecognized parameter.
Parameter-value-invalid	Sent when a failure occurred due to the value of a parameter being invalid.
Valid message-not-identified	Sent when the PPG does not recognize the ASP message token number.
RTS-identity-no-valid	Sent when the PPG does not recognize a cell identity.
Unrecognized-message	Sent when the recipient entity did not recognize the protocol message identifier.
Missing-mandatory-element	Sent when a mandatory element is missing from the Primitive.
PPG-capacity-exceeded	Sent when a write-replace fails because the RTS cannot meet the requested repetition rate.
Cell-not-operational	Sent when the PPG/RTS is not available because of error conditions or due to maintenance activities.
Unknown-error cause	Sent when none of the above.
Cell-not-supported	Because of no payment

Table 3

Figure 10

	Error	Delay	E&D	Transmission Rate	Jitter
Data type					
Service Premium					
Time Spent					
Priority					
TOD					

Table 4

Figure 11

Parameter-not-recognized	Sent when the recipient RTS was unable to act upon the primitive received due to an unrecognized parameter.
Parameter-value-invalid	Sent when a failure occurred due to the value of a parameter being invalid.
RTS-capacity-exceeded	Sent when a write-replace fails because the RTS cannot meet the requested repetition rate.
Cell-memory-exceeded	Sent when the local cell memory has been exceeded.
RTS-memory-exceeded	Sent when the PPG is unable to store a message as the BSS memory has been exceeded.
Cell-not-operational	Sent when the RTS is not available because of error conditions or due to maintenance activities.
Unknown-error cause	Sent when none of the above.

Table 5

Figure 12

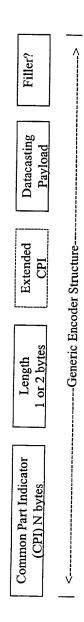


Figure 13a

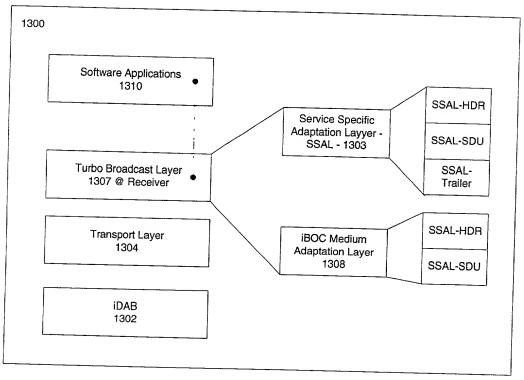


Figure 13 b

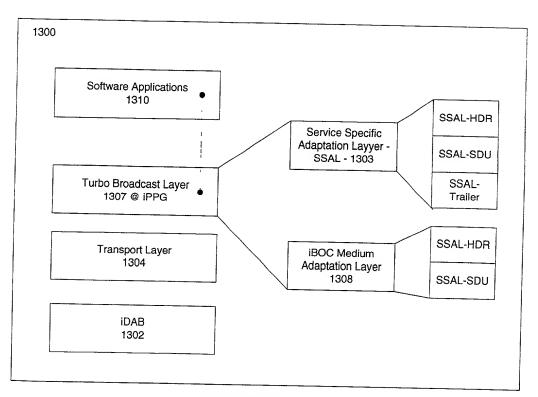


Figure 13 C

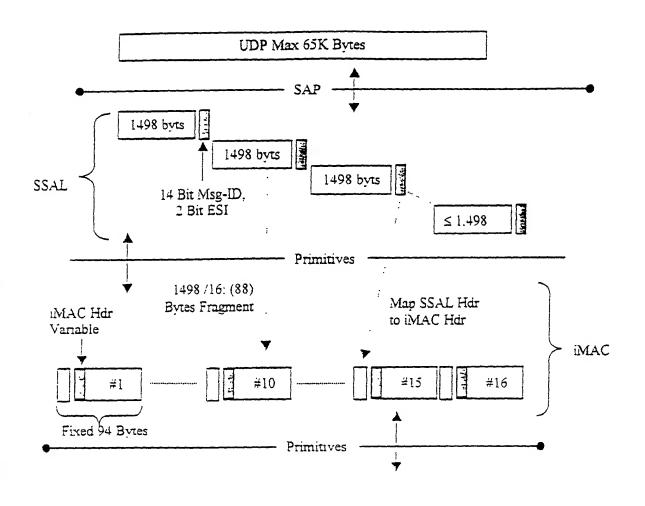


Figure 14a

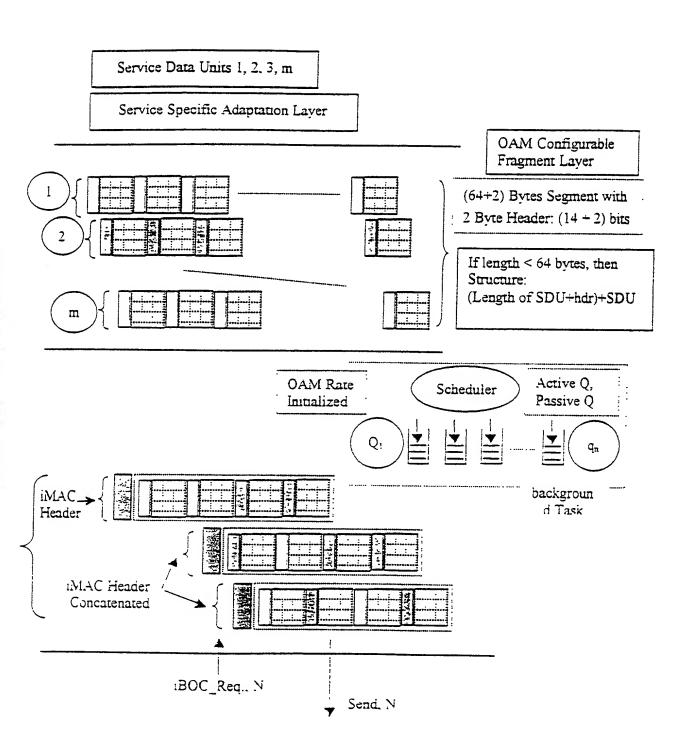


Figure 14b

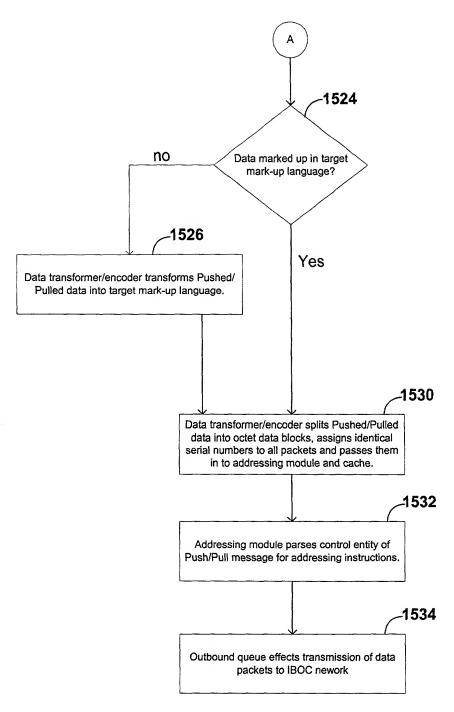


Figure 15b